

granulocytes in rabbits post-irradiation in the 1950's, and significant improvement of life quality and immunologic profile of AIDS patient in a most recent clinical trial."

Page 4, change the paragraph beginning on line 15 as follows:

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Product R (RETICULOSE) is a synthesized preparation that contains a mixture of peptide nucleic acids, breakdown components of bovine serum albumin, and, probably, free nucleosides. Although little is known about the chemical nature of Product R, its biological activities have been demonstrated in effective treatment of influenza in the 1930's, in stimulation of growth of bone marrow cells and granulocytes in rabbits post-irradiation in the 1950's, and significant improvement of life quality and immunologic profile of AIDS patients in a most recent clinical trial. To understand Product R-mediated immunoregulatory activities, Chen and Hirschman have made efforts in testing its biological effect on the production of cytokines by HIV-infected human T cell lines and primary peripheral blood mononuclear cells (PBMCs). *J. Investig. Med* 1996; 44:347-351. Their primary finding clearly demonstrated that Product R potentiated the production of IFN-gamma and IL-6 as well as inhibited HIV replication in PBMCs.

Page 9, line 3/please delete the insert by the previous amendment "The chemical nature of Product R is described in U.S. patent application Serial No. 09/344,095, which is incorporated by reference herein in its entirety.", except for -- Product R is provided by Advance Viral Research Corporation (Yonkers, New York) .